

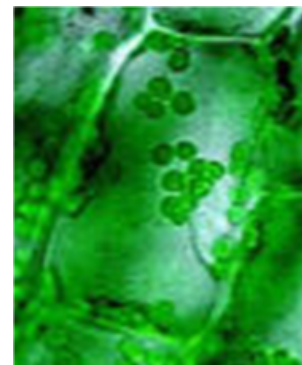
# Characteristics of Living Things



## Made of Cells



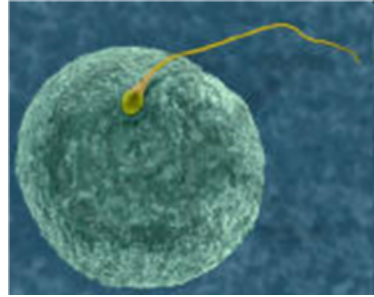
Perform basic life functions



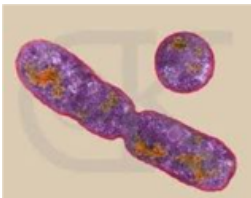
# Able to Reproduce



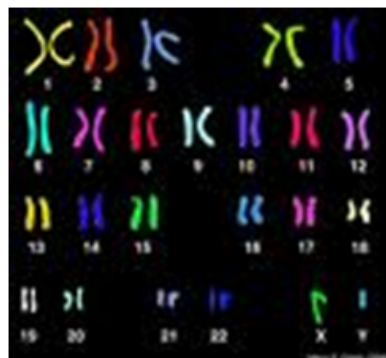
Asexual- parent cell divides



Sexual- egg + sperm = offspring

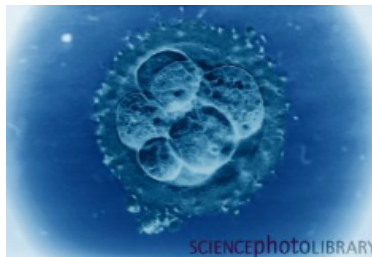


# Based on Genetic Code

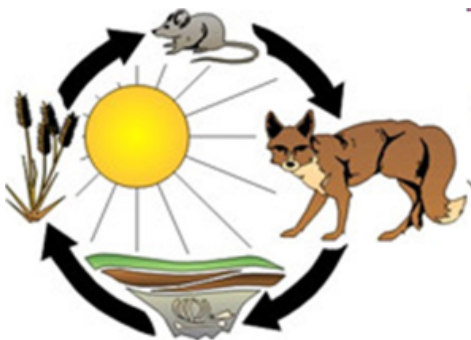


All cells contain DNA

# Grow and Develop

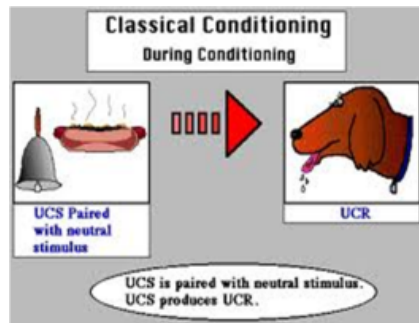


# Obtain and use Energy



Metabolize (breakdown) food to obtain energy

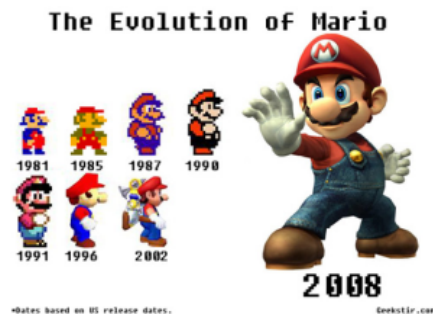
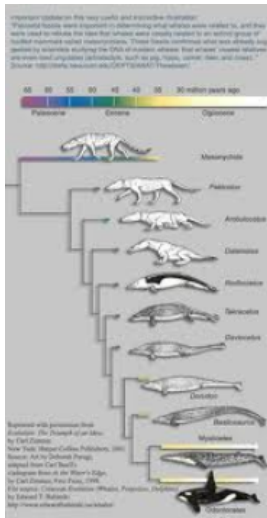
# Respond to the Environment



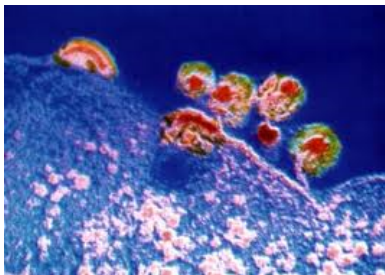
## Maintain Internal Balance *Homeostasis*



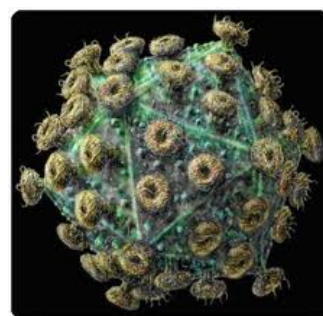
# Change over Time - Evolve



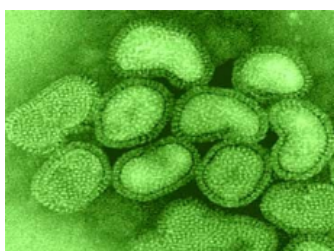
Must have all 8 characteristics in order to be considered alive!



Virus-  
is it  
Living?

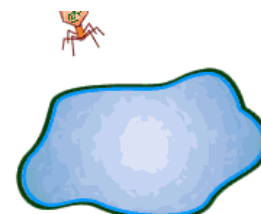


Contains Genetic material, DNA or RNA  
Wrapped in a protein coat  
Must use host cell to reproduce  
**Does NOT obtain or use energy**



Virus Video 1

Virus Video 2



The virus latches onto a cell.